

**Table A3. Approximate Heat Content of Petroleum Product Weighted Averages, 1949-2001**  
 (Million Btu per Barrel)

Year	Consumption					Electric Power Sector <sup>1</sup>	Total	Imports	Exports	Liquefied Petroleum Gases Consumption	Motor Gasoline Consumption						
	End-Use Sectors																
	Residential	Commercial	Industrial	Transportation													
1949	5.493	5.858	5.947	5.465	6.254	5.649	6.261	5.651	4.011	5.253							
1950	5.482	5.865	5.940	5.461	6.254	5.649	6.263	5.751	4.011	5.253							
1951	5.492	5.856	5.913	5.458	6.254	5.634	6.265	5.753	4.011	5.253							
1952	5.488	5.849	5.905	5.442	6.254	5.621	6.261	5.768	4.011	5.253							
1953	5.465	5.845	5.897	5.426	6.254	5.608	6.268	5.732	4.011	5.253							
1954	5.475	5.832	5.883	5.412	6.254	5.595	6.252	5.738	4.011	5.253							
1955	5.480	5.832	5.866	5.408	6.254	5.591	6.234	5.765	4.011	5.253							
1956	5.474	5.828	5.856	5.406	6.254	5.585	6.225	5.744	4.011	5.253							
1957	5.462	5.813	5.842	5.405	6.254	5.577	6.219	5.774	4.011	5.253							
1958	5.465	5.802	5.832	5.393	6.254	5.567	6.091	5.778	4.011	5.253							
1959	5.408	5.803	5.811	5.389	6.254	5.557	6.142	5.830	4.011	5.253							
1960	5.430	5.849	5.800	5.388	6.267	5.555	6.161	5.835	4.011	5.253							
1961	5.432	5.847	5.795	5.386	6.268	5.552	6.102	5.833	4.011	5.253							
1962	5.418	5.835	5.784	5.386	6.267	5.545	6.138	5.842	4.011	5.253							
1963	5.396	5.818	5.759	5.384	6.266	5.534	6.126	5.841	4.011	5.253							
1964	5.375	5.811	5.728	5.388	6.267	5.528	6.129	5.845	4.011	5.253							
1965	5.380	5.837	5.728	5.387	6.267	5.532	6.123	5.742	4.011	5.253							
1966	5.354	5.839	5.722	5.388	6.266	5.532	6.112	5.728	4.011	5.253							
1967	5.291	5.818	5.682	5.391	6.266	5.515	6.128	5.758	<sup>2</sup> 3.838	5.253							
1968	5.272	5.797	5.646	5.394	6.263	5.504	6.095	5.762	3.818	5.253							
1969	5.213	5.769	5.603	5.394	6.259	5.492	6.093	5.713	3.805	5.253							
1970	5.216	5.773	5.604	5.393	6.252	5.503	6.088	5.811	3.779	5.253							
1971	5.212	5.758	5.600	5.389	6.245	5.504	6.062	5.775	3.772	5.253							
1972	5.193	5.733	5.564	5.388	6.233	5.500	6.045	5.741	3.760	5.253							
1973	5.205	5.749	5.568	5.395	6.245	5.515	5.983	5.752	3.746	5.253							
1974	5.196	5.740	5.538	5.394	6.238	5.504	5.959	5.773	3.730	5.253							
1975	5.192	5.704	5.528	5.392	6.250	5.494	5.935	5.747	3.715	5.253							
1976	5.215	5.726	5.538	5.395	6.251	5.504	5.980	5.743	3.711	5.253							
1977	5.213	5.733	5.555	5.400	6.249	5.518	5.908	5.796	3.677	5.253							
1978	5.213	5.716	5.553	5.404	6.251	5.519	5.955	5.814	3.669	5.253							
1979	5.298	5.769	5.418	5.428	6.258	5.494	5.811	5.864	3.680	5.253							
1980	5.245	5.803	5.376	5.440	6.254	5.479	5.748	5.841	3.674	5.253							
1981	5.191	5.751	5.313	5.432	6.258	5.448	5.659	5.837	3.643	5.253							
1982	5.167	5.751	5.263	5.422	6.258	5.415	5.664	5.829	3.615	5.253							
1983	5.022	5.642	5.273	5.415	6.255	5.406	5.677	5.800	3.614	5.253							
1984	5.129	5.700	5.223	5.422	6.251	5.395	5.613	5.867	3.599	5.253							
1985	5.115	5.660	5.221	5.423	6.247	5.387	5.572	5.819	3.603	5.253							
1986	5.130	5.691	5.286	5.427	6.257	5.418	5.624	5.839	3.640	5.253							
1987	5.095	5.659	5.253	5.430	6.249	5.403	5.599	5.860	3.659	5.253							
1988	5.118	5.657	5.248	5.434	6.250	5.410	5.618	5.842	3.652	5.253							
1989	5.057	R <sup>5</sup> 619	R <sup>5</sup> 234	5.440	R <sup>6</sup> 240	5.410	5.641	5.869	3.683	5.253							
1990	R <sup>4</sup> 950	R <sup>5</sup> 617	5.272	R <sup>5</sup> 444	R <sup>6</sup> 244	5.411	5.614	5.838	3.625	5.253							
1991	4.912	R <sup>5</sup> 590	R <sup>5</sup> 190	5.442	R <sup>6</sup> 246	5.384	5.636	5.827	3.614	5.253							
1992	4.942	R <sup>5</sup> 577	5.188	5.445	R <sup>6</sup> 238	5.378	5.623	5.774	3.624	5.253							
1993	4.942	R <sup>5</sup> 571	R <sup>5</sup> 195	5.438	R <sup>6</sup> 230	5.379	5.620	5.777	3.606	5.253							
1994	R <sup>4</sup> 936	R <sup>5</sup> 580	R <sup>5</sup> 165	R <sup>5</sup> 426	R <sup>6</sup> 213	5.361	5.534	5.777	3.635	R <sup>5</sup> 230							
1995	R <sup>4</sup> 925	R <sup>5</sup> 546	R <sup>5</sup> 133	5.419	R <sup>6</sup> 188	5.341	5.483	5.740	3.623	5.215							
1996	R <sup>4</sup> 869	R <sup>5</sup> 494	R <sup>5</sup> 129	5.421	R <sup>6</sup> 195	5.336	5.468	5.728	3.613	5.216							
1997	R <sup>4</sup> 870	R <sup>5</sup> 459	R <sup>5</sup> 133	5.417	R <sup>6</sup> 199	5.336	5.469	5.726	3.616	5.213							
1998	R <sup>4</sup> 842	R <sup>5</sup> 440	R <sup>5</sup> 149	R <sup>5</sup> 414	R <sup>6</sup> 210	5.349	5.462	5.710	3.614	5.212							
1999	R <sup>4</sup> 749	R <sup>5</sup> 349	R <sup>5</sup> 105	R <sup>5</sup> 415	R <sup>6</sup> 205	5.328	5.421	5.684	3.616	5.211							
2000	R <sup>4</sup> 754	R <sup>5</sup> 388	R <sup>5</sup> 072	R <sup>5</sup> 423	R <sup>6</sup> 189	5.326	R <sup>5</sup> 432	5.651	R <sup>3</sup> 607	5.210							
2001	R <sup>4</sup> 824	R <sup>5</sup> 422	R <sup>5</sup> 120	R <sup>5</sup> 421	R <sup>6</sup> 195	R <sup>5</sup> 346	R <sup>5</sup> 460	R <sup>5</sup> 736	R <sup>3</sup> 614	R <sup>5</sup> 210							

<sup>1</sup> The electric power sector (electric utilities and independent power producers) comprises electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public—i.e., NAICS 22 plants.

constant factor is replaced by a factor that is a quantity-weighted average of motor gasoline's major components. See Table A1.

R=Revised. P=Preliminary.

Note: Weighted averages of the products included in each category are calculated by using heat content values shown in Table A1.

Source: See "Thermal Conversion Factor Source Documentation," which follows Table A6.

<sup>3</sup> There is a discontinuity in this time series between 1993 and 1994; beginning in 1994, the single